FIELD OF THE INVENTION

The present invention relates to vehicle occupant seat detection device and weight responsive classification system. "This is taken from line18-27 of the specification."

BACKGROUND OF THE INVENTION

Weight sensing systems for use with supplemental restraint devices are well known in the art. One such weight sensing system includes sensors positioned in the sitting surface of a seat. These sensors are engaged only when the seat cushion is deflected.

The present invention discloses a weight sensing unit for vehicle occupant seat detection and weight responsive classification system." This is taken from line 11-16 of the specification."

SUMMARY OF THE INVENTION

The present invention is a supplemental restraint system comprising of one or more weight sensing units which are being operatively secured beneath one or more seats in a vehicle, the units being communicatively connected to the vehicle's supplemental restraint system via a computerized system being configured for controlling the deployment force and acceleration used to inflate airbags corresponding to each seat occupied by an occupant. The deployment force for each airbag is determined proportionately based on the weight of the occupant occupying the corresponding seat. "This is taken from line 1-16 of the specification"

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